

Table 2
Summary of Slag Data: SPLP Analysis
East Side SWMA
U. S. Steel - Gary Works
Gary, Indiana

Sample Name:				ES-SL-NE001-07212010	ES-SL-NE002-07212010	ES-SL-NE003-07212010	ES-SL-NE004-07212010	ES-SL-SE001-07212010	ES-SL-SE002-07212010	ES-SL-SE003-07212010	ES-SL-SE003-07212010-FD	ES-SL-SE004-07212010	ES-SL-SW001-07212010	ES-SL-SW002-07212010	ES-SL-SW003-07212010	ES-SL-SW004-07212010
Parameter	Units	USEPA's RSLs for Tapwater	USEPA's MCLs	Groundwater Screening Value												
SVOCs																
1,2,4,5-Tetrachlorobenzene	ug/L	11	NV	11	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U							
1,2,4-Trichlorobenzene	ug/L	2.3	70	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U							
1,2-Dichlorobenzene	ug/L	370	600	600	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U							
1,3,5-Trinitrobenzene	ug/L	1100	NV	1100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U							
1,3-Dichlorobenzene	ug/L	NV	NV	NV	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U							
1,3-Dinitrobenzene	ug/L	3.7	NV	3.7	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U							
1,4-Dichlorobenzene	ug/L	0.43	75	75	0.0040 U	0.0040 U	0.0040 U	0.0040 U	0.0040 U							
1,4-Dioxane	ug/L	6.1	NV	6.1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U							
1,4-Naphthoquinone	ug/L	NV	NV	NV	50 U	50 U	50 U	50 U	50 U							
1-Naphthylamine	ug/L	NV	NV	NV	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U							
2,3,4,6-Tetrachlorophenol	ug/L	1100	NV	1100	10 U	10 U	10 U	10 U	10 U							
2,4,5-Trichlorophenol	ug/L	3700	NV	3700	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U							
2,4,6-Trichlorophenol	ug/L	6.1	NV	6.1	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U							
2,4-Dichlorophenol	ug/L	110	NV	110	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U							
2,4-Dimethylphenol	ug/L	730	NV	730	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U							
2,4-Dinitrophenol	ug/L	73	NV	73	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U							
2,4-Dinitrotoluene	ug/L	0.22	NV	0.22	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U							
2,6-Dichlorophenol	ug/L	NV	NV	NV	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U							
2,6-Dinitrotoluene	ug/L	37	NV	37	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U							
2-Acetylaminofluorene	ug/L	0.018	NV	0.018	10 U	10 U	10 U	10 U	10 U							
2-Chloronaphthalene	ug/L	2900	NV	2900	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U							
2-Chlorophenol	ug/L	180	NV	180	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U							
2-Methylnaphthalene	ug/L	150	NV	150	0.20 U	0.20 U	0.25	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	
2-Methylphenol	ug/L	1800	NV	1800	0.0040 U	0.0040 U	0.0040 U	0.0040 U	0.0040 U							
2-Naphthylamine	ug/L	0.037	NV	0.037	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U							
2-Nitroaniline	ug/L	370	NV	370	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U							
2-Nitrophenol	ug/L	NV	NV	NV	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U							
2-Picoline	ug/L	NV	NV	NV	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U							
2-sec-Butyl-4,6-dinitrophenol	ug/L	37	7	7	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U							
3,3'-Dichlorobenzidine	ug/L	0.15	NV	0.15	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U							
3,3'-Dimethylbenzidine	ug/L	0.0061	NV	0.0061	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U							
3-Methylcholanthrene	ug/L	0.0031	NV	0.0031	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U							
3-Methylphenol	ug/L	1800	NV	1800	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U							
3-Nitroaniline	ug/L	NV	NV	NV	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U							
4,6-Dinitro-2-methylphenol	ug/L	3.7	NV	3.7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U							
4-Aminobiphenyl	ug/L	0.0032	NV	0.0032	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U							
4-Bromophenyl phenyl ether	ug/L	NV	NV	NV	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U							
4-Chloro-3-methylphenol	ug/L	3700	NV	3700	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U							
4-Chloroaniline	ug/L	0.34	NV	0.34	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U							
4-Chlorophenyl phenyl ether	ug/L	NV	NV	NV	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U							
4-Methylphenol	ug/L	180	NV	180	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U							
4-Nitroaniline	ug/L	3.4	NV	3.4	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U							
4-Nitrophenol	ug/L	NV	NV	NV	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U							
4-Nitroquinoline-1-oxide	ug/L	NV	NV	NV	5.0 U	5.0 U	5.0 U</									

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Parameter	Units	USEPA's RSLs for Tapwater	USEPA's MCLs	Groundwater Screening Value													
Acrolein	ug/L	0.042	NV	0.042	20 U	20 U	20 U	20 U	40 U								
Acrylonitrile	ug/L	0.045	NV	0.045	20 U	20 U	20 U	20 U	40 U								
Benzene	ug/L	0.41	5	5	1.0 U	0.24 J	0.92 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U				
Bromodichloromethane	ug/L	0.12	NV	0.12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U							
Bromoform	ug/L	8.5	NV	8.5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U							
Bromomethane	ug/L	8.7	NV	8.7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U							
Carbon disulfide	ug/L	1000	NV	1000	0.15 J	0.18 J	0.33 J	0.22 J	0.22 J	0.30 J	0.13 J	0.14 J	0.18 J	0.14 J	0.14 J	0.31 J	2.0 U
Carbon tetrachloride	ug/L	0.2	5	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U							
Chlorobenzene	ug/L	91	100	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U							
Chloroethane	ug/L	21000	NV	21000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U							
Chloroform	ug/L	0.19	NV	0.19	1.6 U	1.6 U	3.3 U	1.7 U	1.4 U	1.4 U	1.5 U	1.6 U	1.4 U	1.3 U	1.4 U	1.7 U	2.0 U
Chloromethane	ug/L	190	NV	190	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U							
Chloroprene	ug/L	14	NV	14	2.0 U	2.0 U	2.0 U	2.0 U	4.0 U								
cis-1,2-Dichloroethene	ug/L	370	70	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U							
cis-1,3-Dichloropropene	ug/L	NV	NV	NV	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U							
Dibromochloromethane	ug/L	0.15	NV	0.15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U							
Dibromomethane	ug/L	8.2	NV	8.2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U							
Dichlorodifluoromethane	ug/L	390	NV	390	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U							
Ethyl methacrylate	ug/L	3300	NV	3300	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U							
Ethylbenzene	ug/L	1.5	700	700	1.0 U	1.0 U	1.0 U	0.83 J	1.0 U	0.26 J	0.25 J	1.0 UJ	1.0 U	1.0 U	1.4	3.5	2.0 U
Iodomethane	ug/L	NV	NV	NV	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U							
Isobutyl alcohol	ug/L	11000	NV	11000	50 U	50 U	50 U	50 U	50 U	100 U							
Methacrylonitrile	ug/L	1	NV	1	2.0 U	2.0 U	2.0 U	2.0 U	4.0 U								
Methyl methacrylate	ug/L	1400	NV	1400	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	4.0 U							
Methylene chloride	ug/L	4.8	5	5	1.0 UJ	1.8 UJ	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	6.4 UJ	1.0 UJ	1.0 UJ	2.0 UJ
Propionitrile	ug/L	NV	NV	NV	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	8.0 U							
Styrene	ug/L	1600	100	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U							
Tetrachloroethene	ug/L	0.11	5	5	1.0 U	10 U	1.2 U	3.3 U	1.0 U	9.4 U							
Toluene	ug/L	2300	1000	1000	1.0 U	1.0 U	1.0 U	1.5	1.0 U	3.9	2.2 J	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	170
trans-1,2-Dichloroethene	ug/L	110	100	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U							
trans-1,3-Dichloropropene	ug/L	NV	NV	NV	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U							
trans-1,4-Dichloro-2-butene	ug/L	0.0012	NV	0.0012	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U								
Trichloroethene	ug/L	2	5	5	1.0 U	0.23 J	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U						
Trichlorofluoromethane	ug/L	1300	NV	1300	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U							
Vinyl acetate	ug/L	410	NV	410	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	4.0 U							
Vinyl chloride	ug/L	0.016	2	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U							
Xylenes (total)	ug/L	200	10000	10000	2.0 U	2.0 U	2.0 U	4.5	2.0 U	1.9 J	2.2	2.0 U	2.0 U	2.0 U	6.0	19	4.0 U